Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state dollars per gallon excluding taxes

|                                | Aviation gasoline  |                    |                    |                  | Kerosene           |                |
|--------------------------------|--------------------|--------------------|--------------------|------------------|--------------------|----------------|
| Geographic area month          | Sales to end users | Sales for resale   | Sales to end users | Sales for resale | Sales to end users | Sales for resa |
| United States                  |                    |                    |                    |                  |                    |                |
| July 2018                      | W                  | 3.111              | 2.177              | 2.140            | W                  | 2.13           |
| June 2018                      | W                  | 3.138              | 2.196              | 2.152            | 3.292              | 2.14           |
| July 2017                      | W                  | 2.608              | 1.478              | 1.436            | 2.621              | 1.46           |
| PAD District 1                 |                    | 2.474              | 2.475              | 2.462            | 147                | 2.2            |
| July 2018                      |                    | 3.171              | 2.175              | 2.162            |                    | 2.2            |
| June 2018<br>July 2017         | W                  | 3.200<br>2.625     | 2.191<br>1.470     | 2.164<br>1.453   | 2.440              | 1.78           |
| Subdistrict 1A                 |                    |                    |                    |                  |                    |                |
| July 2018                      | W                  | W_                 | 2.242              | 2.209            | W                  |                |
| June 2018                      | <del>-</del>       | W_                 | 2.250              | 2.207            | W                  |                |
| July 2017<br>Connecticut       | W                  | W                  | 1.500              | 1.516            | W                  |                |
| July 2018                      | _                  | _                  | W                  | W                | _                  |                |
| June 2018                      | ·                  | <u>-</u>           |                    |                  |                    |                |
| July 2017<br>Maine             | <del>-</del>       | <u>-</u>           | W                  | W                | <del>-</del>       |                |
| July 2018                      | W                  | W                  | W                  | W                |                    |                |
| June 2018                      | <u>v</u> v         |                    |                    |                  | <del>-</del>       |                |
| July 2017                      | W                  | <del>v</del> v - W | <del>vv</del>      |                  |                    |                |
| Massachusetts                  |                    | ••                 | ••                 | ••               |                    |                |
| July 2018                      | -                  | -                  | W                  | 2.206            | W                  |                |
| June 2018                      | <u>-</u>           |                    | W                  | 2.203            | W                  |                |
| July 2017                      | -                  |                    | W                  | 1.513            | W                  |                |
| New Hampshire                  |                    |                    |                    |                  |                    |                |
| July 2018                      | <del>-</del>       |                    | W                  | W_               | W                  |                |
| June 2018                      | <del>-</del>       |                    | W                  | W_               | W                  |                |
| July 2017                      | -                  | -                  | W                  | W                | W                  |                |
| Rhode Island                   |                    |                    |                    |                  |                    |                |
| July 2018                      |                    | <del>-</del> -     | W                  | W                |                    |                |
| June 2018                      | <del>-</del>       | <del>-</del> -     | W                  |                  |                    |                |
| July 2017<br>Vermont           | -                  | -                  | W                  | W                | W                  |                |
| July 2018                      | W                  | -                  | W                  | W                | -                  |                |
| June 2018                      | <del>-</del>       |                    | W                  | W                | -                  |                |
| July 2017                      | -                  | -                  | W                  | W                | -                  |                |
| Subdistrict 1B                 |                    |                    |                    |                  |                    |                |
| July 2018                      | <del>-</del>       | 3.247              | 2.173              | 2.148            |                    | 2.1            |
| June 2018                      |                    | 3.271              | 2.204              | 2.148            | W                  |                |
| July 2017                      | -                  | 2.737              | 1.442              | 1.446            | 2.402              | 1.7            |
| Delaware                       |                    |                    |                    |                  |                    |                |
| July 2018                      | <del>-</del>       | <del>-</del> -     | <del>-</del>       |                  |                    |                |
| June 2018                      | <del>-</del>       | <del>-</del> -     | <del>-</del>       | <u>W</u> _       |                    |                |
| July 2017                      | -                  | -                  | -                  | W                | W                  |                |
| District of Columbia July 2018 |                    |                    |                    |                  |                    |                |
| June 2018                      |                    |                    | <del>-</del>       |                  |                    |                |
| July 2017                      |                    | <u>-</u>           |                    |                  |                    |                |
| Maryland                       |                    |                    |                    |                  |                    |                |
| July 2018                      | -                  | -                  | W                  | 2.137            | -                  |                |
| June 2018                      |                    |                    | W                  | 2.168            |                    |                |
| July 2017<br>New Jersey        | <del>-</del>       | <u>-</u>           | W                  | 1.414            | <del>-</del>       |                |
| July 2018                      | _                  | W                  | 2.161              | 2.149            | W                  |                |
| June 2018                      |                    | W_                 | 2.184              | 2.153            |                    |                |
| July 2017                      |                    | W                  | 1.431              | 1.435            | <del> W</del>      |                |
| New York                       |                    |                    |                    |                  |                    |                |
| July 2018                      |                    | W_                 | 2.185              | 2.229            | W                  | 2.2            |
| June 2018                      |                    | W_                 | 2.225              | 2.233            | W                  | 2.3            |
| July 2017                      |                    | W                  | 1.458              | 1.504            | W                  |                |
| Pennsylvania                   |                    |                    |                    |                  |                    |                |
| July 2018                      | <del>.</del>       | W                  | W                  | 2.144            | W                  |                |
| June 2018                      | W                  | W_                 | W                  | 2.131            | W                  |                |
| July 2017                      | _                  | W                  | W                  | 1.466            | W                  |                |

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.) dollars per gallon excluding taxes

|                       | Aviation gas                          |                  | Kerosene-type      | -                | Kerosene           |                 |
|-----------------------|---------------------------------------|------------------|--------------------|------------------|--------------------|-----------------|
| Geographic area month | Sales to end users                    | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resal |
| Subdistrict 1C        |                                       |                  |                    |                  |                    |                 |
| July 2018             | W                                     | 3.130            | 2.174              | 2.191            | W                  | V               |
| June 2018             | W                                     | 3.170            | 2.176              | 2.198            | W                  | V               |
| July 2017             | W                                     | 2.573            | 1.489              | 1.459            | W                  | V               |
| Florida               |                                       |                  |                    |                  |                    |                 |
| July 2018             | -                                     | 3.073            | 2.182              | 2.194            | W                  |                 |
| June 2018             |                                       | 3.123            | 2.173              | 2.202            | W                  |                 |
| July 2017             | -                                     | 2.510            | W                  | 1.461            | W                  |                 |
| Georgia               |                                       |                  |                    |                  |                    |                 |
| July 2018             | W                                     | W_               | W                  | 2.182            | _                  | V               |
| June 2018             | W                                     | W                | W                  | 2.186            | -                  | V               |
| July 2017             | W                                     | W                | W                  | 1.448            |                    | V               |
| North Carolina        |                                       |                  |                    |                  |                    |                 |
| July 2018             |                                       | W                | W                  | W                | W                  | V               |
| June 2018             |                                       | W_               | W_                 | 2.182            | W                  | <u>v</u>        |
| July 2017             | · · · · · · · · · · · · · · · · · · · | W                | W                  | 1.456            | W                  | v               |
| South Carolina        |                                       | ••               | ••                 | 21.150           | ••                 | •               |
| July 2018             |                                       |                  | W                  | 2.199            | W                  | V               |
| June 2018             | <del>-</del>                          | <u>-</u> -       | <del>vv</del>      | 2.207            | <del>vv</del>      | <u>v</u>        |
| July 2017             |                                       |                  | <del>VV</del>      | 1.456            | <del>vv</del>      | <u>v</u>        |
|                       | -                                     | -                | vv                 | 1.430            | ٧٧                 | V               |
| Virginia              |                                       | 14/              | 2.452              | 14/              |                    |                 |
| July 2018             | <del>-</del>                          | W                | 2.152              | W                | <del>-</del>       |                 |
| June 2018             | <del>-</del>                          | W                | 2.168              | 2.184            | <del>-</del>       |                 |
| July 2017             | -                                     | W                | 1.425              | W                | -                  | V               |
| West Virginia         |                                       |                  |                    |                  |                    |                 |
| _ July 2018           | <del>-</del>                          | <del>-</del> -   |                    | W                |                    |                 |
| June 2018             | <del></del> -                         | <del>-</del> -   |                    |                  |                    |                 |
| July 2017             | -                                     | -                | W                  | W                | W                  |                 |
| PAD District 2        |                                       |                  |                    |                  |                    |                 |
| July 2018             | W                                     | 3.181            | 2.169              | 2.161            | W                  | 2.672           |
| June 2018             | W                                     | 3.135            | 2.187              | 2.155            | W                  | 2.68            |
| July 2017             | W                                     | 2.611            | 1.447              | 1.455            | W                  | 2.02            |
| Illinois              |                                       |                  |                    |                  |                    |                 |
| July 2018             | W                                     | W                | 2.182              | W                | W                  | V               |
| June 2018             | W                                     | W                | 2.216              | W                | W                  | V               |
| July 2017             | W                                     | W                | 1.496              | W                | W                  | V               |
| Indiana               |                                       |                  |                    |                  |                    |                 |
| July 2018             | -                                     | -                | 2.146              | 2.164            | W                  | V               |
| June 2018             | W                                     |                  | 2.169              | 2.170            | W                  | V               |
| July 2017             | ·                                     |                  | NA                 | 1.465            | W                  | N/              |
| lowa                  |                                       |                  |                    |                  |                    |                 |
| July 2018             |                                       | _                | W                  | 2.217            | _                  |                 |
| June 2018             |                                       | <u>-</u> -       | <del>VV</del>      | 2.210            |                    |                 |
| July 2017             |                                       | <u>-</u> -       | 1.519              | 1.512            |                    |                 |
| Kansas                |                                       |                  | 1.515              | 1.512            |                    |                 |
| July 2018             | W                                     | W                | W                  | W                |                    | V               |
|                       |                                       |                  |                    |                  | <del>-</del>       |                 |
| June 2018             | <del>vv</del>                         | W                | M                  | W                | <del>-</del>       |                 |
| July 2017             | VV                                    | VV               | VV                 | VV               | -                  | ٧               |
| Kentucky              | A1.A                                  |                  | 2.452              | 2.442            | 14.                |                 |
| July 2018             | NA                                    |                  | 2.152              | 2.143            |                    | <u>V</u>        |
| June 2018             | W                                     |                  | 2.174              | W                |                    | <del>V</del>    |
| July 2017             | -                                     | W                | W                  | 1.419            | W                  | V               |
| Michigan              |                                       |                  |                    |                  |                    |                 |
| _ July 2018           | <del>-</del>                          |                  |                    | 2.123            |                    | <u>V</u>        |
| June 2018             | <del>-</del>                          |                  |                    | 2.137            |                    | <u>V</u>        |
| July 2017             | -                                     | -                | 1.480              | 1.422            | W                  | V               |
| Minnesota             |                                       |                  |                    |                  |                    |                 |
| July 2018             | W                                     | W_               | 2.160              | W                | W                  | V               |
| June 2018             | W                                     | W_               | W                  | W                | W                  | V               |
| July 2017             | W                                     | W                | 1.430              | W                | W                  | V               |
| Missouri              |                                       |                  |                    |                  |                    |                 |
| July 2018             | W                                     |                  | W                  | W                |                    |                 |
| June 2018             | W                                     | W_               | W                  | W                |                    |                 |
| July 2017             | W                                     |                  | W                  | W                |                    |                 |

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.) dollars per gallon excluding taxes

|                        | Aviation gasoline         |                  | Kerosene-type jet fuel |                  | Kerosene           |                  |
|------------------------|---------------------------|------------------|------------------------|------------------|--------------------|------------------|
| Geographic area month  | Sales to end users        | Sales for resale | Sales to end users     | Sales for resale | Sales to end users | Sales for resale |
| PAD District 2 (cont.) |                           |                  |                        |                  |                    |                  |
| Nebraska               |                           |                  |                        |                  |                    |                  |
| July 2018              | W                         | -                | W                      | 2.263            | _                  |                  |
| June 2018              | W                         |                  | W                      | W                |                    |                  |
| July 2017              | W                         |                  | W                      | W                | -                  |                  |
| North Dakota           |                           |                  |                        |                  |                    |                  |
| July 2018              |                           | _                | W                      | W                | _                  |                  |
| June 2018              |                           |                  |                        | W                | W_                 |                  |
| July 2017              | <u>-</u>                  |                  | <del>v</del> v         |                  | <u>v</u> v         |                  |
| Ohio                   |                           |                  | vv                     | VV               |                    |                  |
|                        | W                         | W                | 2.189                  | 2.126            | W                  | V                |
| July 2018              |                           |                  |                        |                  | <del>vv</del>      |                  |
| June 2018              | <u> </u>                  | W                | 2.203                  | 2.131            |                    | V                |
| July 2017              | =                         | -                | 1.463                  | 1.419            | W                  | V                |
| Oklahoma               |                           |                  |                        |                  |                    |                  |
| July 2018              | W                         |                  | W                      | 2.184            | <del>-</del>       | V                |
| June 2018              | W                         | <del>-</del> -   | W                      | 2.153            | <del>-</del>       | <u>V</u>         |
| July 2017              | W                         | -                | W                      | 1.400            | -                  | \                |
| South Dakota           |                           |                  |                        |                  |                    |                  |
| July 2018              | <del>-</del>              |                  | W                      | <del>-</del>     | <del>-</del>       |                  |
| June 2018              | -                         |                  | W                      | -                |                    |                  |
| July 2017              | -                         |                  | W                      | -                | -                  |                  |
| Tennessee              |                           |                  |                        |                  |                    |                  |
| July 2018              | _                         | 3.161            | W                      | 2.168            | W                  | V                |
| June 2018              |                           | W                |                        | 2.177            | <del> </del>       | · · ·            |
| July 2017              |                           | 2.662            | <del>vv</del>          | 1.436            | <del>V</del>       | <del>v</del>     |
|                        |                           | 2.002            | **                     | 1.430            | **                 | •                |
| Wisconsin              |                           |                  | 2.240                  | 147              | W                  |                  |
| July 2018              | <del>-</del>              | <del>-</del> -   | 2.210                  | W                |                    | <u>A</u>         |
| June 2018              | <del>-</del> <del>-</del> | <del>-</del> -   |                        |                  | W                  |                  |
| July 2017              | -                         | -                | W                      | W                | W                  | V                |
| AD District 3          |                           |                  |                        |                  |                    |                  |
| _ July 2018            | $ \   \underline{w}  -$   | 2.937            | 2.160                  | 2.108            | <del>-</del>       | <u>V</u>         |
| June 2018              | <u>W</u>                  | 2.964            | 2.224                  | 2.130            | <del>-</del>       | <u>V</u>         |
| July 2017              | W                         | 2.324            | 1.428                  | 1.379            | -                  | V                |
| Alabama                |                           |                  |                        |                  |                    |                  |
| July 2018              | <del>-</del>              |                  | 2.183                  | 2.157            | <del>-</del>       | V                |
| June 2018              | W                         | W_               | 2.178                  | 2.180            |                    | V                |
| July 2017              | -                         | W                | 1.484                  | 1.440            | -                  | V                |
| Arkansas               |                           |                  |                        |                  |                    |                  |
| July 2018              | W                         | -                | W                      | W                | -                  |                  |
| June 2018              | <u>-</u>                  | W                |                        | W_               | <u> </u>           |                  |
| July 2017              | W                         |                  | W                      | W                |                    |                  |
| Louisiana              |                           |                  |                        | • •              |                    |                  |
|                        |                           | 2.984            | 2.137                  | 2.093            |                    | V                |
| July 2018              | W                         | 2.994            |                        |                  | <del>-</del>       |                  |
| June 2018              | <u>v</u> v                |                  | 2.193                  | 2.120            | <sup>-</sup>       | <u>V</u>         |
| July 2017              | =                         | 2.413            | 1.401                  | 1.355            | -                  | V                |
| Mississippi            |                           |                  |                        |                  |                    |                  |
| July 2018              |                           | W_               | 2.116                  | 2.105            | <del>-</del>       |                  |
| June 2018              |                           | W                |                        | 2.141            | <del>-</del>       |                  |
| July 2017              | -                         | W                | 1.453                  | 1.375            | -                  |                  |
| New Mexico             |                           |                  |                        |                  |                    |                  |
| July 2018              | W                         |                  | W                      | W_               | <del>.</del>       |                  |
| June 2018              | W                         |                  | W                      | W_               |                    |                  |
| July 2017              | W                         |                  | W                      | W                |                    |                  |
| Texas                  | -                         |                  |                        |                  |                    |                  |
| July 2018              | W                         | W                | 2.173                  | 2.113            |                    | 2.59             |
| June 2018              |                           |                  | 2.257                  | 2.131            | <del>-</del>       | V                |
|                        |                           |                  | 1.432                  | 1.392            | <del>-</del>       |                  |
| July 2017              | VV                        | W                | 1.432                  | 1.392            |                    | N/               |

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

|                        | Aviation gasoline                                   |                  | Kerosene-type jet fuel |                     | Kerosene           |                  |
|------------------------|---|------------------|------------------------|---------------------|--------------------|------------------|
| Geographic area month  | Sales to end users                                  | Sales for resale | Sales to end users     | Sales for resale    | Sales to end users | Sales for resale |
| PAD District 4         |   |                  |                        |                     |                    |                  |
| July 2018              | W   | W                | 2.228                  | 2.234               | -                  |                  |
| June 2018              | W   | W                | 2.216                  | 2.219               | -                  |                  |
| July 2017              |   | W                | 1.506                  | 1.483               |                    |                  |
| Colorado               |   |                  |                        |                     |                    |                  |
| July 2018              | W   | -                | 2.207                  | 2.199               | -                  |                  |
| June 2018              | W_  |                  | 2.189                  | 2.185               |                    |                  |
| July 2017              | W   | -                | 1.455                  | 1.421               | -                  |                  |
| Idaho                  |   |                  |                        |                     |                    |                  |
| July 2018              |   | <del>-</del> _   | W                      | 2.369               | <del>-</del>       |                  |
| June 2018              |   |                  | W                      | 2.357               | <del>.</del>       |                  |
| July 2017              | -   | -                | W                      | 1.695               | -                  |                  |
| Montana                |   |                  |                        |                     |                    |                  |
| July 2018              | W   | W_               | W                      | W_                  |                    |                  |
| June 2018              | W   | W_               | W                      | W                   | <del>.</del>       |                  |
| July 2017              | W   | W                | W                      | W                   | -                  |                  |
| Utah                   |   |                  |                        |                     |                    |                  |
| July 2018              | W   | W_               | 2.215                  | 2.296               | <del>.</del>       |                  |
| June 2018              | W   | W_               | 2.193                  | 2.285               | <del>.</del>       |                  |
| July 2017              | W   | W                | 1.488                  | 1.551               | -                  |                  |
| Wyoming                |   |                  |                        |                     |                    |                  |
| July 2018              | <del>-</del>  |                  | W                      | W                   | <del>.</del>       |                  |
| June 2018              |   |                  | W                      | W                   | <del>.</del>       |                  |
| July 2017              | -   | -                | W                      | W                   | -                  |                  |
| PAD District 5         |   |                  |                        |                     |                    |                  |
| July 2018              | $ \_ \ \_ \ \_ \ \_ \ \_ \ \_ \ \_ \ \_ \ \_ \ \_ $ | 3.088_           | 2.183                  | 2.169               | <del>-</del>       | <u>V</u>         |
| June 2018              | $-\ -\ -\ -\ -\ -\ -\ -\ \underline{W}\ -$          | 3.343_           | 2.192                  | 2.183               | <del>-</del>       | <u>V</u>         |
| July 2017              | W   | 2.845            | 1.517                  | 1.519               | -                  | V                |
| Alaska                 |   |                  |                        |                     |                    |                  |
| July 2018              |   |                  |                        | W                   | <del>-</del>       |                  |
| June 2018              |   | W                |                        | W                   | <del>-</del>       |                  |
| July 2017              | W   | W                | W                      | W                   | -                  |                  |
| Arizona                |   |                  |                        |                     |                    |                  |
| July 2018              | W   | W                | 2.219                  | 2.201               | <del>-</del>       |                  |
| June 2018              |   | <u>W</u> _       | 2.219                  | 2.218               | <del>-</del>       |                  |
| July 2017              | W   | W                | 1.559                  | 1.545               | -                  |                  |
| California             |   | 14/              | 2.465                  | 2.454               |                    |                  |
| July 2018              |   | W_               | 2.165                  | 2.151               | <del></del> -      | <u>V</u>         |
| June 2018              | M   | 3.284<br>2.804   | 2.162<br>1.510         | 2.168_<br>1.512     | <del>-</del>       | <u>V</u>         |
| July 2017              | -   | 2.804            | 1.510                  | 1.512               | -                  | V                |
| Hawaii                 |   | 14/              | 14/                    | 14/                 |                    |                  |
| July 2018              |   | W                |                        | $      \frac{W}{W}$ | <del>-</del>       |                  |
| June 2018<br>July 2017 | <del>-</del>  | $ \frac{W}{W} -$ | <del>W</del>           | W                   | <del>-</del>       |                  |
|                        | -   | VV               | VV                     | VV                  | -                  |                  |
| Nevada                 |   |                  | W                      | W                   |                    |                  |
| July 2018<br>June 2018 | <del>-</del>  | <del>-</del> -   |                        |                     | <del>-</del>       |                  |
| July 2017              |   |                  |                        | <del>VV</del>       |                    |                  |
| Oregon                 | -   | -                | VV                     | VV                  | -                  |                  |
| July 2018              |   | 3.295            | 2.208                  | 2.199               |                    |                  |
| July 2018<br>June 2018 | <del>-</del>  | 3.355            | 2.208<br>W             | 2.199               |                    |                  |
| July 2017              |   | 2.901            | <del>v</del> v         | 1.550               |                    |                  |
|                        | -   | 2.301            | VV                     | 1.330               | -                  |                  |
| Washington July 2018   |   | W_               | 2.163                  | 2.188               |                    |                  |
| June 2018              |   |                  | 2.207                  | 2.199               |                    |                  |
| July 2017              |   |                  | 1.493                  | 1.536               |                    |                  |

<sup>- =</sup> No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."